



P4/109

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,335

DATE: 08/26/2002
TIME: 14:19:20

Input Set : A:\pf0572usn_seqlist.txt
Output Set: N:\CRF3\08262002\I763335.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 TANG, Y. Tom
 6 CORLEY, Neil C.
 7 PATTERSON, Chandra
 8 GUEGLER, Karl J.
 9 BAUGHN, Mariah R.
 11 <120> TITLE OF INVENTION: CELL SIGNALING PROTEINS
 13 <130> FILE REFERENCE: PF-0572 PCT
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/763,335
 C--> 16 <141> CURRENT FILING DATE: 2002-08-26
 18 <150> PRIOR APPLICATION NUMBER: 09/137,945; unassigned; 09/137,578; unassigned
 W--> 19 <151> PRIOR FILING DATE: 1998-08-21; 1998-08-21; 1998-08-21; 1998-08-21
 21 <160> NUMBER OF SEQ ID NOS: 5
 23 <170> SOFTWARE: PERL Program
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 147
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 30 <220> FEATURE:
 31 <221> NAME/KEY: misc_feature
 32 <223> OTHER INFORMATION: Incyte Clone No: 999661
 34 <400> SEQUENCE: 1
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 36 1 5 10 15
 37 Ile Ala Glu Cys His Leu Asn Pro Ile Ile Leu Pro Leu Trp His
 38 20 25 30
 39 Val Gly Glu Pro Gly Asp Gly Asp Arg Glu Met Ala Ser Gly Val
 40 35 40 45
 41 Gly Gly Leu Gly Leu Pro Leu Val Pro Gly Cys Pro Ala Pro Pro
 42 50 55 60
 43 His Val Trp Pro Ser Val His Cys Ala Ala Gly Met Asn Asp Val
 44 65 70 75
 45 Leu Pro Asn Ser Pro Pro Tyr Phe Pro Arg Phe Gly Gln Lys Ile
 46 80 85 90
 47 Thr Val Leu Ile Gly Lys Pro Phe Ser Ala Leu Pro Val Leu Glu
 48 95 100 105
 49 Arg Leu Arg Ala Glu Asn Lys Ser Ala Val Glu Met Arg Lys Ala
 50 110 115 120
 51 Leu Thr Asp Phe Ile Gln Glu Glu Phe Gln His Leu Lys Thr Gln
 52 125 130 135
 53 Ala Glu Gln Leu His Asn His Leu Gln Pro Gly Arg
 54 140 145
 59 <210> SEQ ID NO: 2

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60 <211> LENGTH: 133
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Homo sapiens
 64 <220> FEATURE:
 65 <221> NAME/KEY: misc_feature
 66 <223> OTHER INFORMATION: Incyte Clone No: 1415354
 68 <400> SEQUENCE: 2
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 71 Ser Ala Cys Ala Met Leu Leu Cys His Gly Ser Leu Gln His Thr
 72 20 25 30
 73 Phe Gln Gln His His Leu His Arg Pro Glu Gly Gly Thr Cys Glu
 74 35 40 45
 75 Val Ile Ala Ala His Arg Cys Cys Asn Lys Asn Arg Ile Glu Glu
 76 50 55 60
 77 Arg Ser Gln Thr Val Lys Cys Ser Cys Leu Pro Gly Lys Val Ala
 78 65 70 75
 79 Gly Thr Thr Arg Asn Arg Pro Ser Cys Val Asp Ala Ser Ile Val
 80 80 85 90
 81 Ile Gly Lys Trp Trp Cys Glu Met Glu Pro Cys Leu Glu Gly Glu
 82 95 100 105
 83 Glu Cys Lys Thr Leu Pro Asp Asn Ser Gly Trp Met Cys Ala Thr
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 85 Gly Asn Lys Ile Lys Thr Thr Arg Ile His Pro Arg Thr
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 93 <212> TYPE: DNA
 94 <213> ORGANISM: Homo sapiens
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 97 <221> NAME/KEY: misc_feature
 98 <223> OTHER INFORMATION: Incyte Clone No: 999661
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 102 agggcctgtt tcatttgggt ttggagagtg ttgagggtaa gctaaccctgt caccccacgc 120
 103 ccccgagaat ggttactgtat agggagaggc cttttccttg caggagatgg cgttaccag 180
 104 aaggggatgg acttcatttt ggagaagctc aaccatgggg actgggtgca tatcttccca 240
 105 gaaggtcagc agggctgact gggctgagcc cccccagtat gagcgggatg ggctcccaag 300
 106 cctcgccctct gtgctctctc accagggaaa gtgaacatga gttccgaatt cctgcgtttc 360
 107 aagtggggta agggctgctg gtctctggcc acagccatcc tcccgccca gagatggccc 420
 108 tgtgggcccc tggctcccgcc cccctcgggc tggcttgtat gggggtagat gggcgtgttt 480
 109 gtagcgcacag gaagggaca ggtgctgaga cttaggcctgc ctctcgcagg ggcttgcaca 540
 110 agggagctga attgaactgg agatgtcgg ggggtggcagt gcccagaggc tggcacagaa 600
 111 gcttggctca gggcccaatct tatgctaaca ttcttacctc cccctgggc aggaatcg 660
 112 cgccctgattt ctgagttgtca tctcaacccc atcatccctgc ccctgtggca tgtcggtgag 720
 113 cctggggacg gggacagaga gatggcatct ggggtggggg gcctgggact ccctctggc 780
 114 ccaggctgcc ctgctccacc ccacgtctgg ccttotgtcc actgtgctgc aggaatgaat 840
 115 gacgtccttc ctaacagtcc gccctacttc ccccggtttt gacagaaaat cactgtgctg 900
 116 atcgggaagc ctttcagtgc cttgcctgtta ctcgagcggc tccgggcgg 960

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117 gctgtggaga tgcggaaagc cctgacggac ttcattcaag aggaattcca gcatctgaag 1020
 118 actcaggcgag agcagctcca caaccaccc cagcctggga gataggcctt gcttgctgcc 1080
 119 ttctggattt ttggcccgca cagagctggg gctgagggat ggactgatgc ttttagctca 1140
 120 aacgtggctt ttagacagat ttgttcatag accctctaa gtgcctctc cgagctggta 1200
 121 ggcattccag ctccctccgtg cttcctcagt tacacaaagg acctcagctg cttctccac 1260
 122 ttggccaaggc agggaggaag aagcttagc agggctctt ttccttctt ccttcagatg 1320
 123 ttctctccca ggggctggct tcaggagggc gcatagaagg caggtgagca accagttggc 1380
 124 taggggagca gggggccac cagagctgtg gagaggggac cctaagactc ctcggcctgg 1440
 125 ctccctacca cgcgccttc cgaaccagga gctgctact acctcctcag gtggccgca 1500
 126 ggcgggaaaaa gcagcccttg gccagaagtc aagcccagcc acgtggagcc tagagtgagg 1560
 127 gcctgaggtc tggctgtt ccccatgt ggcgcacaacttccat ccttctgcc 1620
 128 tctcaacatc acttgaatcc tagggcttg gttttcatgt ttttcaaaca gaaccataaa 1680
 129 gcatatgtgt tggccaaaaa gttt 1705
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 133 <211> LENGTH: 812
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Homo sapiens
 137 <220> FEATURE:
 138 <221> NAME/KEY: misc_feature
 139 <223> OTHER INFORMATION: Incyte Clone No: 1415354
 141 <400> SEQUENCE: 4
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 143 ttatctcccc atcacttcaa aggttctgtc aggccagggat gacgccagga gatgatttaa 120
 144 aggtgaaaat gacaagggtt ccacccctca aaccttggct cctttctga caatacagtc 180
 145 tgaatgaacc cgatgtctt tttttactg tggaaatagg atcggaaagag agtaacattt 240
 146 ttttttaat cctgataaaag aagattgttg ggaagctctt tgaaaaaaaaa ttttaattt 300
 147 tggcacagat ggattttaaa aagtgttaga tctttccat gaacactaat agagtactct 360
 148 gctcttggct ggattttca gagaatggca atggctctg cgatgtcctg ggtcctgtat 420
 149 ttgtggataa gtgctgtgc aatgtactc tgccatggat cccttcagca cacttccag 480
 150 cagcatcacc tgcacagacc agaaggaggg acgtgtgaag tgatagcagc acaccgatgt 540
 151 ttaacaaga atcgcatgtt gggcggtca caaacagtaa agtgttccctg tctacctgga 600
 152 aaagtggctg gaacaacaag aaaccggcct tcttcgtcg atgcctccat agtgattggg 660
 153 aatgggtgtt gtgagatgga gccttgccta gaaggagaag aatgtaaagc actccctgac 720
 154 aattctggat ggatgtgcgc aacaggcaac aaaattaaga ccacgagaat tcacccaaga 780
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 159 <211> LENGTH: 292
 160 <212> TYPE: PRT
 161 <213> ORGANISM: Homo sapiens
 163 <220> FEATURE:
 164 <221> NAME/KEY: misc_feature
 165 <223> OTHER INFORMATION: GenBank ID No: 1263110
 167 <400> SEQUENCE: 5
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 169 1 5 10 15
 170 Thr Trp Thr Leu Ala Ser Ser Val Val Met Gly Leu Val Gly Thr
 171 20 25 30
 172 Tyr Ser Cys Phe Trp Thr Lys Tyr Met Asn His Leu Thr Val His
 173 35 40 45

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174 Asn Arg Glu Val Leu Tyr Glu Leu Ile Glu Lys Arg Gly Pro Ala
175 50 55 60
176 Thr Pro Leu Ile Thr Val Ser Asn His Gln Ser Cys Met Asp Asp
177 65 70 75
178 Pro His Leu Trp Gly Ile Leu Lys Leu Arg His Ile Trp Asn Leu
179 80 85 90
180 Lys Leu Met Arg Trp Thr Pro Ala Ala Ala Asp Ile Cys Phe Thr
181 95 100 105
182 Lys Glu Leu His Ser His Phe Phe Ser Leu Gly Lys Cys Val Pro
183 110 115 120
184 Val Cys Arg Gly Ala Glu Phe Phe Gln Ala Glu Asn Glu Gly Lys
185 125 130 135
186 Gly Val Leu Asp Thr Gly Arg His Met Pro Gly Ala Gly Lys Arg
187 140 145 150
188 Arg Glu Lys Gly Asp Gly Val Tyr Gln Lys Gly Met Asp Phe Ile
189 155 160 165
190 Leu Glu Lys Leu Asn His Gly Asp Trp Val His Ile Phe Pro Glu
191 170 175 180
192 Gly Lys Val Asn Met Ser Ser Glu Phe Leu Arg Phe Lys Trp Gly
193 185 190 195
194 Ile Gly Arg Leu Ile Ala Glu Cys His Leu Asn Pro Ile Ile Leu
195 200 205 210
196 Pro Leu Trp His Val Gly Met Asn Asp Val Leu Pro Asn Ser Pro
197 215 220 225
198 Pro Tyr Phe Pro Arg Phe Gly Gln Lys Ile Thr Val Leu Ile Gly
199 230 235 240
200 Lys Pro Phe Ser Ala Leu Pro Val Leu Glu Arg Leu Arg Ala Glu
201 245 250 255
202 Asn Lys Ser Ala Val Glu Met Arg Lys Ala Leu Thr Asp Phe Ile
203 260 265 270
204 Gln Glu Glu Phe Gln His Leu Lys Thr Gln Ala Glu Gln Leu His
205 275 280 285
206 Asn His Leu Gln Pro Gly Arg
207 290

VERIFICATION SUMMARY

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L:15 M:270 C: Current Application Number differs, Replaced Current Application Number

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:19 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD